mus	Schwartz, D.A. et al., <u>Gene 127</u> :233-236 (1993)
mus	Dunn J.J. et al., Gene 68:259-266 (1988)
mms	Fuerst, T.R. et al., Proc. Nat Acad. Sci. U.S.A. 83: 8122-8126 (1986)
mms	Lieber. A. et al., <u>Nucleic Acids Research 17(21)</u> : 8485-8493 (1989)
mrus	Lieber, A. et al., Methods in Enzymology 217:47-67 (1993)
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^{*}EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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